Quality Improvement Storyboard

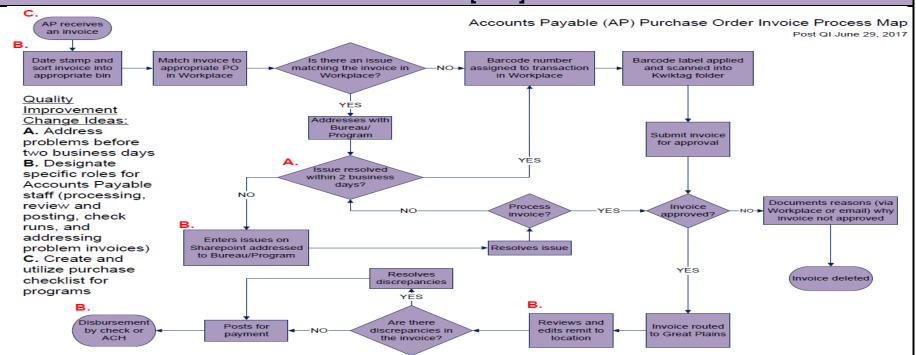
BOSTON PUBLIC HEALTH

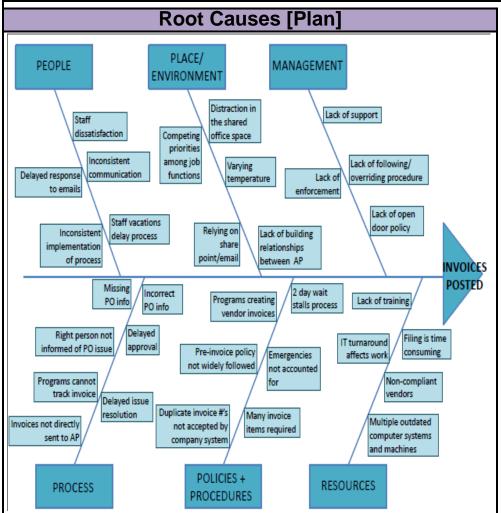
Increase the number of invoices posted within 30 days by 15%

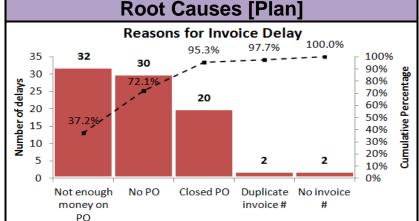
Aim: by April 30, 2017 Customer: BPHC vendors **Start:** 11/8/2016 Rebecca Osagie, Ann Team Leader: Bishop **QI Mentor:**

Team Members			
Rebecca Bishop	Keoki Pender	Dashea Thorton	
Xhudita Luli	Gerry Stepherson	Roberta Washington	

Process [Plan]







Do					
Action	Who	When			
Assign specific AP	Xhudita	11/21/2016			
Rotate AP roles	Xhudita	1/9/2017			
Implement Purchasing checklist	Dashea, Rebecca	3/15/2017			

Run Chart [Study]

Measure(s) [Do]

- 1 % invoices posted within 30 days (by invoice date)
- 2 average # of days to resolve problem invoices
- 3 average # of days to approve problem invoices

Root Causes [Plan]

- 1 Issues of staff availability, communication, and motivation
- Issues of staff priorities, satisfaction, and enforcement
- 3 Bottlenecks in the process flow involving the invoices and PO info
- Poor understanding and awareness of AP policies and procedures
- Issues of staff's access to training and information resources

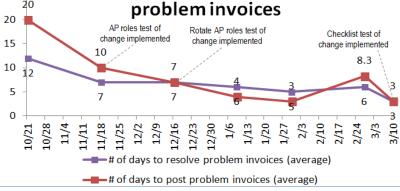
Act				
Action	Who	When		
Standardize rotations	Xhudita	5/1/2017		
Implement Checklist	Xhudita	5/1/2017		

% posted within 30 days Checklist test of (by invoice date) change implemented 93.1% AP roles test of 89.2% 87.1% 85.5% change implemented post QI median 87.1% \.\80.6% 75.6% $\Delta = 32\%$ Rotate AP roles test of 68.2% change implemented 63.5% pre QI median

65.8%

Average # of days to resolve and post 25 problem invoices

Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 Jan-17 Feb-17 Mar-17



Lessons Learned

95.0%

85.0%

75.0%

65.0%

55.0%

- 1 Assigning Staff roles greatly increased communication and effectiveness among team members
- Both Program and AP staff felt the project increased their understanding of their roles and empathy with all parts of the 2 process
- We (AP) realize that if we look inward and improve, the whole system improves; instead of pointing fingers, we reviewed 3 what we could do better.